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**CLAIM AMENDMENTS:**

Please amend claims 1-8, 22, and 27, and add new claims 28 - 33 as follows. No new matter has been added. A complete listing of the pending claims is as follows:

1. (Currently amended) An apparatus for treating a vascular condition ~~A balloon stent assembly system~~ comprising:  
a balloon including an outer layer portion and an inner layer portion; and  
a stent disposed on the balloon, ~~the stent covering at least 55 percent of the~~  
~~outer layer portion~~;  
wherein the outer layer portion flows into gaps formed in the stent  
when the balloon stent assembly is heated to a predetermined temperature, and retains  
the stent on the balloon during intravascular movement and the inner layer portion does  
not flow into the gaps.
2. (Currently amended) The ~~system~~ apparatus of claim 1 wherein the  
predetermined temperature comprises a temperature range of about 50 to 70 degrees  
Celsius.
3. (Currently amended) The ~~system~~ apparatus of claim 1 wherein the  
balloon comprises at least one outer layer and at least one inner layer, the outer layer  
portion comprising the outer layer.
4. (Currently amended) The ~~system~~ apparatus of claim 3 wherein the outer  
layer and the inner layer comprise a co-extruded laminate.

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5. (Currently amended) The ~~system~~ apparatus of claim 3 wherein the outer layer comprises a tie layer material.
6. (Currently amended) The ~~system~~ apparatus of claim 3 wherein the outer layer comprises a functionalized material.
7. (Currently amended) The ~~system~~ apparatus of claim 6 wherein the functionalized material comprises at least one material selected from a group consisting of: polyethylene, ethylene-vinyl-acetate, acrylate, Bynel<sup>®</sup>, and Plexar<sup>®</sup>.
8. (Currently amended) The ~~system~~ apparatus of claim 6 wherein the functionalized material is not tacky at temperatures below the predetermined temperature.
9. (Original) A balloon stent assembly system comprising:  
a balloon including at least one non-tacky outer layer and at least one inner layer; and  
a stent disposed on an outer layer portion;  
wherein when the balloon is heated at a predetermined temperature an outer layer portion flows into gaps formed in the stent while the inner layer does not flow.
10. (Original) The system of claim 9 wherein the stent covers at least 55 percent of the outer layer portion.
11. (Original) The system of claim 10 wherein the balloon provides at least 200 gram force of a stent retention force.

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12. (Original) The system of claim 9 wherein the stent covers at least 70 percent of the outer layer portion.
13. (Original) The system of claim 12 wherein the balloon provides at least 300 gram force of a stent retention force.
14. (Original) The system of claim 9 wherein the stent covers at least 90 percent of the outer layer portion.
15. (Original) The system of claim 14 wherein the balloon provides at least 90 gram force of a stent retention force.
16. (Original) The system of claim 9 wherein the predetermined temperature comprises a temperatures range of about 50 to 70 degrees Celsius.
17. (Original) The system of claim 9 wherein the outer layer and the inner layer comprise a co-extruded laminate.
18. (Original) The system of claim 9 wherein the outer layer comprises a tie layer material.
19. (Original) The system of claim 9 wherein the outer layer comprises a first material and the inner layer comprises a second material different from the first material.
20. (Original) The system of claim 19 wherein the first material comprises polyethylene.

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21. (Original) The system of claim 19 wherein the first material is not tacky at temperatures below the predetermined temperature.

22. (Currently Amended) A method of retaining a stent on a balloon comprising:

mounting the stent onto the balloon, the balloon including an inner layer portion and an outer layer portion, the stent including gaps, the stent covering at least 55 percent of the balloon;

sheathing the mounted stent and balloon;

heating the mounted stent and balloon; and

flowing an outer layer of the balloon into the gaps formed in the stent while an inner layer of the balloon does not flow, and while the balloon is heated.

23. (Original) The method of claim 22 wherein heating the balloon comprises elevating the balloon temperature to a temperature of about 50 to 70 degrees Celsius.

24. (Original) The method of claim 22 wherein the outer layer flows into a predetermined gap arrangement.

25. (Original) The method of claim 22 wherein the outer layer flows into a random gap arrangement.

26. (Original) The method of claim 22 further comprising pressurizing the balloon.

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27. (Currently amended) A balloon comprising:  
[[a]] an outer layer means for flowing into gaps formed between struts on a stent when at a predetermined temperature; and  
an inner layer means for supporting the outer layer means, wherein the inner layer means does not flow into the gaps when at the predetermined temperature.
28. (New) The method of claim 22 further comprising:  
cooling the heated stent assembly; and  
removing the sheath from the cooled assembly.
29. (New) A balloon stent assembly system comprising:  
a balloon including an outer layer portion and an inner layer portion; and  
a stent disposed on the balloon;  
wherein the outer layer portion flows into gaps formed in the stent when the balloon stent assembly is heated to a predetermined temperature, and retains the stent on the balloon during intravascular movement and the inner layer portion does not flow into the gaps, and wherein the stent assembly further comprises a sheath that is removed after cooling the heated stent assembly from the predetermined temperature.
30. (New) The apparatus of claim 1 wherein the stent covers at least 55 percent of the outer layer portion.
31. (New) The apparatus of claim 1 further comprising a sheath placed around the balloon to maintain a limited inflation size.

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32. (New) The apparatus of claim 31 wherein the apparatus is configured to allow removal of the sheath after the apparatus has been heated to the predetermined temperature and allowed to cool to room temperature.

33 (New) The method of claim 23 further comprising:  
pressurizing the balloon while heating the balloon.